

Patent Claims

1. A method for controlling the power consumption in an electronic appliance which has a data interface 5 which is suitable for data transmissions, where the method involves

- the electronic appliance automatically turning itself on cyclically to a standby state,
- signaling to an application, in connection with 10 the turning-on of the standby state in the electronic appliance, that the data interface has been enabled for data transmission,
- the electronic appliance registering data 15 transmissions from the application via the data interface,
- a power-saving mode being automatically turned on in the electronic appliance when no data transmissions from the application via the data interface are registered.

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2. The method as claimed in patent claim 1, characterized

in that the power-saving mode is not turned on after 25 the electronic appliance has not registered any data transmissions via the data interface until after a time which can be predetermined in the electronic appliance has elapsed.

3. An electronic appliance which has at least the 30 following elements:

- a data interface for performing data transmissions,
- means for automatically turning on a standby state in the electronic appliance cyclically,
- 35 - means for connecting the turning-on of the standby state in the electronic appliance to the signaling to an application that the data interface has been

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enabled for data transmission,
- means for registering data transmissions by the
application via the data interface,
- means for automatically turning on a power-saving
5 mode in the electronic appliance when no data
transmissions from the application via the data
interface are registered.

4. The electronic appliance as claimed in patent
10 claim 3,
characterized
in that the electronic appliance is a GSM module.

5. The electronic appliance as claimed in either of
15 patent claims 3 and 4,
characterized
in that a power-saving mode is provided as the state
with the lowest power consumption.